

PATENT
W&B Ref. No. : INF 1981-US
Atty. Dkt. No. INFN/WB0033

REMARKS

This is intended as a full and complete response to the Final Office Action dated March 1, 2006, having a shortened statutory period for response set to expire on June 1, 2006. Applicant submits this response to place the application in condition for allowance. Please reconsider the claims pending in the application for reasons discussed below.

Claims 1-4, 6-8, 10-11, and 15-20 are pending in the application. Claims 1-4, 6-8, 10-11, and 18 remain pending following entry of this response. Claims 15, 16, 17, 19, and 20 have been cancelled without prejudice. Claim 18 has been amended to include the limitations of cancelled claims 15 and 17 and further for clarification. Applicant submits that the amendments do not introduce new matter.

Claim Rejections - 35 U.S.C. § 112

Claims 15-20 are rejected under 35 U.S.C. 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner states that the claims are indefinite because there is no connection or structural relationship between "a single data input" and other elements in the circuit, i.e., the "single data input" recited on line 2 of the claim is floating. Claims 15, 16, 17, 19 and 20 have been cancelled. With respect to claim 18, Applicants submit that the amendments to claim 18 clarifying the claim obviate the rejection. Accordingly, withdrawal of the rejection is respectfully requested.

Allowable Subject Matter

Claims 1-4, 6-8, 10 and 11 are presently allowed.

Claim 18 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims, and if amended to overcome the informalities and/or the rejection under 35 U.S.C. 112, 2nd paragraph set forth above. Claim 18 has rewritten in independent form including all of the limitations of the base claim and intervening claims and to overcome the rejection under 35 U.S.C. 112, 2nd paragraph

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set forth above. Accordingly, withdrawal of the objection and allowance of the claims is respectfully requested.

Claim Rejections - 35 U.S.C. § 102

Claims 15, 16, 19 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Ichioka et al. (JP 2-210907).

Claims 15-17, 19 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by *Robertson et al.* (US 2002/0005745 A1).

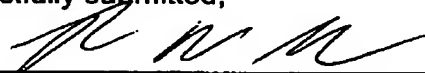
Claims 15-17, 19, and 20 have been cancelled without prejudice. Therefore, the claims are believed to be allowable, and allowance of the claims is respectfully requested.

Conclusion

Having addressed all issues set out in the office action, Applicant respectfully submits that the claims are in condition for allowance and respectfully requests that the claims be allowed.

If the Examiner believes any issues remain that prevent this application from going to issue, the Examiner is strongly encouraged to contact the undersigned attorney to discuss strategies for moving prosecution forward toward allowance.

Respectfully submitted,



Randolph W. Read
Registration No. 43,876
PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Attorney for Applicant(s)